

ABSTRACT

A precision optical devices having pin mounted reflector(s) are provided. The precision optical device, comprising first and second side panels, the first side panel having a hole formed therein, a first reflector comprising a first reflecting surface and a mounting pin extending from a first edge of the first reflector, the mounting pin received within the hole formed in the first side panel for mounting the first reflector between the panels at a first end of the panels, and a second reflector comprising at least a second reflecting surface, mounted between the side panels at a second end thereof in an orientation so that an incident light ray reflecting off of any of the reflecting surfaces is reflected to and off the other(s) of the reflecting surfaces in a direction substantially parallel to the incident light ray.